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ATTACHMENT 3

EPBC ACT PROTECTED MATTERS REPORT



EPBC Act Protected Matters Report

This report provides general guidance on matters of national environmental significance and other matters protected by the EPBC Act in the area you have selected.

Information on the coverage of this report and qualifications on data supporting this report are contained in the caveat at the end of the report.

Information is available about [Environment Assessments](#) and the EPBC Act including significance guidelines, forms and application process details.

Report created: 22/08/18 12:39:54

[Summary](#)

[Details](#)

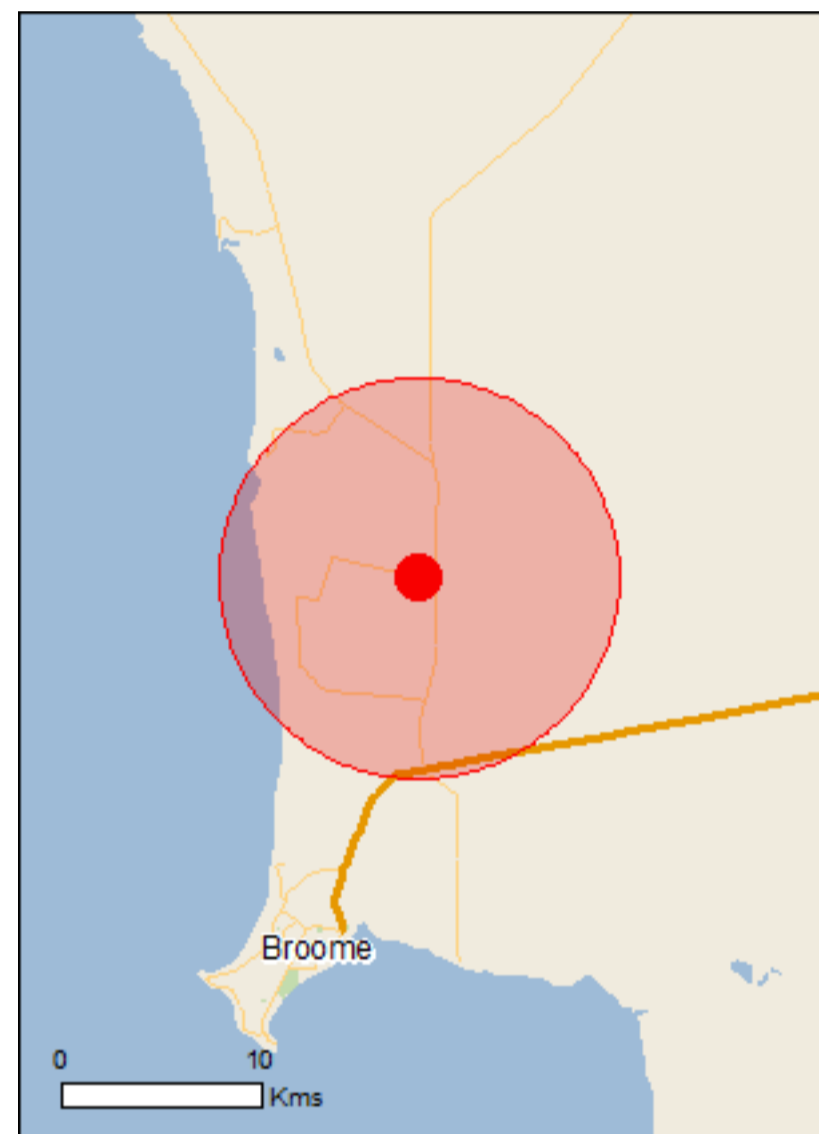
[Matters of NES](#)

[Other Matters Protected by the EPBC Act](#)

[Extra Information](#)

[Caveat](#)

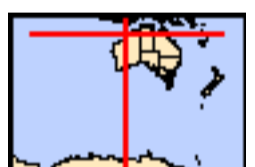
[Acknowledgements](#)



This map may contain data which are ©Commonwealth of Australia (Geoscience Australia), ©PSMA 2010

[Coordinates](#)

Buffer: 10.0Km



Summary

Matters of National Environmental Significance

This part of the report summarises the matters of national environmental significance that may occur in, or may relate to, the area you nominated. Further information is available in the detail part of the report, which can be accessed by scrolling or following the links below. If you are proposing to undertake an activity that may have a significant impact on one or more matters of national environmental significance then you should consider the [Administrative Guidelines on Significance](#).

| | |
|---|------|
| World Heritage Properties: | None |
| National Heritage Places: | 1 |
| Wetlands of International Importance: | 1 |
| Great Barrier Reef Marine Park: | None |
| Commonwealth Marine Area: | None |
| Listed Threatened Ecological Communities: | 1 |
| Listed Threatened Species: | 28 |
| Listed Migratory Species: | 44 |

Other Matters Protected by the EPBC Act

This part of the report summarises other matters protected under the Act that may relate to the area you nominated. Approval may be required for a proposed activity that significantly affects the environment on Commonwealth land, when the action is outside the Commonwealth land, or the environment anywhere when the action is taken on Commonwealth land. Approval may also be required for the Commonwealth or Commonwealth agencies proposing to take an action that is likely to have a significant impact on the environment anywhere.

The EPBC Act protects the environment on Commonwealth land, the environment from the actions taken on Commonwealth land, and the environment from actions taken by Commonwealth agencies. As heritage values of a place are part of the 'environment', these aspects of the EPBC Act protect the Commonwealth Heritage values of a Commonwealth Heritage place. Information on the new heritage laws can be found at <http://www.environment.gov.au/heritage>

A [permit](#) may be required for activities in or on a Commonwealth area that may affect a member of a listed threatened species or ecological community, a member of a listed migratory species, whales and other cetaceans, or a member of a listed marine species.

| | |
|--|------|
| Commonwealth Land: | None |
| Commonwealth Heritage Places: | None |
| Listed Marine Species: | 80 |
| Whales and Other Cetaceans: | 12 |
| Critical Habitats: | None |
| Commonwealth Reserves Terrestrial: | None |
| Australian Marine Parks: | None |

Extra Information

This part of the report provides information that may also be relevant to the area you have nominated.

| | |
|--|------|
| State and Territory Reserves: | 2 |
| Regional Forest Agreements: | None |
| Invasive Species: | 12 |
| Nationally Important Wetlands: | 1 |
| Key Ecological Features (Marine) | None |

Details

Matters of National Environmental Significance

| National Heritage Properties | | [Resource Information] |
|------------------------------------|-------|--------------------------|
| Name | State | Status |
| Natural | | |
| The West Kimberley | WA | Listed place |

| Wetlands of International Importance (Ramsar) | | [Resource Information] |
|---|-----------------------|--------------------------|
| Name | Proximity | |
| Roebuck bay | Within 10km of Ramsar | |

Listed Threatened Ecological Communities

[Resource Information]

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

| Name | Status | Type of Presence |
|--|------------|---------------------------------|
| Monsoon vine thickets on the coastal sand dunes of Dampier Peninsula | Endangered | Community may occur within area |

Listed Threatened Species

[Resource Information]

| Name | Status | Type of Presence |
|--|-----------------------|--|
| Birds | | |
| Calidris canutus Red Knot, Knot [855] | Endangered | Species or species habitat known to occur within area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat known to occur within area |
| Erythrura gouldiae Gouldian Finch [413] | Endangered | Species or species habitat may occur within area |
| Limosa lapponica baueri Bar-tailed Godwit (baueri), Western Alaskan Bar-tailed Godwit [86380] | Vulnerable | Species or species habitat known to occur within area |
| Limosa lapponica menzbieri Northern Siberian Bar-tailed Godwit, Bar-tailed Godwit (menzbieri) [86432] | Critically Endangered | Species or species habitat known to occur within area |
| Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat known to occur within area |
| Papasula abbotti Abbott's Booby [59297] | Endangered | Species or species habitat may occur within area |
| Polytelis alexandrae Princess Parrot, Alexandra's Parrot [758] | Vulnerable | Species or species habitat likely to occur within area |
| Rostratula australis Australian Painted-snipe, Australian Painted Snipe [77037] | Endangered | Species or species habitat likely to occur within area |

| Name | Status | Type of Presence |
|--|-----------------------|---|
| Tyto novaehollandiae kimberli Masked Owl (northern) [26048] | Vulnerable | Species or species habitat may occur within area |
| Mammals | | |
| Balaenoptera musculus Blue Whale [36] | Endangered | Species or species habitat likely to occur within area |
| Macrotis lagotis Greater Bilby [282] | Vulnerable | Species or species habitat known to occur within area |
| Megaptera novaeangliae Humpback Whale [38] | Vulnerable | Species or species habitat known to occur within area |
| Saccolaimus saccolaimus nudicluniatus Bare-rumped Sheath-tailed Bat, Bare-rumped Sheath-tail Bat [66889] | Vulnerable | Species or species habitat likely to occur within area |
| Xeromys myoides Water Mouse, False Water Rat, Yirrkoo [66] | Vulnerable | Species or species habitat may occur within area |
| Plants | | |
| Keraudrenia exastia Fringed Keraudrenia [66301] | Critically Endangered | Species or species habitat may occur within area |
| Reptiles | | |
| Aipysurus apraefrontalis Short-nosed Seasnake [1115] | Critically Endangered | Species or species habitat likely to occur within area |
| Caretta caretta Loggerhead Turtle [1763] | Endangered | Foraging, feeding or related behaviour known to occur within area |
| Chelonia mydas Green Turtle [1765] | Vulnerable | Breeding known to occur within area |
| Ctenotus angusticeps Northwestern Coastal Ctenotus, Airlie Island Ctenotus [25937] | Vulnerable | Species or species habitat likely to occur within area |
| Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] | Endangered | Breeding likely to occur within area |
| Eretmochelys imbricata Hawksbill Turtle [1766] | Vulnerable | Breeding likely to occur within area |
| Natator depressus Flatback Turtle [59257] | Vulnerable | Breeding known to occur within area |
| Sharks | | |
| Carcharodon carcharias White Shark, Great White Shark [64470] | Vulnerable | Species or species habitat may occur within area |
| Pristis clavata Dwarf Sawfish, Queensland Sawfish [68447] | Vulnerable | Species or species habitat known to occur within area |
| Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756] | Vulnerable | Species or species habitat known to occur within area |
| Pristis zijsron Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442] | Vulnerable | Breeding known to occur within area |

| Name | Status | Type of Presence |
|--|------------|--|
| Rhincodon typus Whale Shark [66680] | Vulnerable | Species or species habitat may occur within area |
| Listed Migratory Species | | [Resource Information] |
| * Species is listed under a different scientific name on the EPBC Act - Threatened Species list. | | |
| Name | Threatened | Type of Presence |
| Migratory Marine Birds | | |
| Anous stolidus Common Noddy [825] | | Species or species habitat likely to occur within area |
| Apus pacificus Fork-tailed Swift [678] | | Species or species habitat likely to occur within area |
| Calonectris leucomelas Streaked Shearwater [1077] | | Species or species habitat known to occur within area |
| Fregata ariel Lesser Frigatebird, Least Frigatebird [1012] | | Species or species habitat known to occur within area |
| Fregata minor Great Frigatebird, Greater Frigatebird [1013] | | Species or species habitat likely to occur within area |
| Sternula albifrons Little Tern [82849] | | Breeding known to occur within area |
| Migratory Marine Species | | |
| Anoxypristis cuspidata Narrow Sawfish, Knifetooth Sawfish [68448] | | Species or species habitat likely to occur within area |
| Balaenoptera edeni Bryde's Whale [35] | | Species or species habitat may occur within area |
| Balaenoptera musculus Blue Whale [36] | Endangered | Species or species habitat likely to occur within area |
| Carcharodon carcharias White Shark, Great White Shark [64470] | Vulnerable | Species or species habitat may occur within area |
| Caretta caretta Loggerhead Turtle [1763] | Endangered | Foraging, feeding or related behaviour known to occur within area |
| Chelonia mydas Green Turtle [1765] | Vulnerable | Breeding known to occur within area |
| Crocodylus porosus Salt-water Crocodile, Estuarine Crocodile [1774] | | Species or species habitat likely to occur within area |
| Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] | Endangered | Breeding likely to occur within area |
| Dugong dugon Dugong [28] | | Foraging, feeding or related behaviour likely to occur within area |
| Eretmochelys imbricata Hawksbill Turtle [1766] | Vulnerable | Breeding likely to occur within area |
| Manta alfredi Reef Manta Ray, Coastal Manta Ray, Inshore | | Species or species |

| Name | Threatened | Type of Presence |
|---|------------|---|
| Manta Ray, Prince Alfred's Ray, Resident Manta Ray [84994] Manta birostris | | habitat may occur within area |
| Giant Manta Ray, Chevron Manta Ray, Pacific Manta Ray, Pelagic Manta Ray, Oceanic Manta Ray [84995] Megaptera novaeangliae | | Species or species habitat may occur within area |
| Humpback Whale [38] | Vulnerable | Species or species habitat known to occur within area |
| Natator depressus Flatback Turtle [59257] | Vulnerable | Breeding known to occur within area |
| Orcaella brevirostris Irrawaddy Dolphin [45] | | Species or species habitat known to occur within area |
| Orcinus orca Killer Whale, Orca [46] | | Species or species habitat may occur within area |
| Pristis clavata Dwarf Sawfish, Queensland Sawfish [68447] | Vulnerable | Species or species habitat known to occur within area |
| Pristis pristis Freshwater Sawfish, Largetooth Sawfish, River Sawfish, Leichhardt's Sawfish, Northern Sawfish [60756] | Vulnerable | Species or species habitat known to occur within area |
| Pristis zijsron Green Sawfish, Dindagubba, Narrowsnout Sawfish [68442] | Vulnerable | Breeding known to occur within area |
| Rhincodon typus Whale Shark [66680] | Vulnerable | Species or species habitat may occur within area |
| Sousa chinensis Indo-Pacific Humpback Dolphin [50] | | Breeding known to occur within area |
| Tursiops aduncus (Arafura/Timor Sea populations) Spotted Bottlenose Dolphin (Arafura/Timor Sea populations) [78900] | | Species or species habitat known to occur within area |
| Migratory Terrestrial Species | | |
| Cecropis daurica Red-rumped Swallow [80610] | | Species or species habitat known to occur within area |
| Cuculus optatus Oriental Cuckoo, Horsfield's Cuckoo [86651] | | Species or species habitat may occur within area |
| Hirundo rustica Barn Swallow [662] | | Species or species habitat known to occur within area |
| Motacilla cinerea Grey Wagtail [642] | | Species or species habitat may occur within area |
| Motacilla flava Yellow Wagtail [644] | | Species or species habitat known to occur within area |
| Migratory Wetlands Species | | |
| Actitis hypoleucos Common Sandpiper [59309] | | Species or species habitat known to occur within area |
| Calidris acuminata Sharp-tailed Sandpiper [874] | | Species or species habitat known to occur within area |

| Name | Threatened | Type of Presence |
|---|-----------------------|--|
| Calidris canutus Red Knot, Knot [855] | Endangered | Species or species habitat known to occur within area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat known to occur within area |
| Calidris melanotos Pectoral Sandpiper [858] | | Species or species habitat known to occur within area |
| Charadrius veredus Oriental Plover, Oriental Dotterel [882] | | Species or species habitat may occur within area |
| Glareola maldivarum Oriental Pratincole [840] | | Species or species habitat may occur within area |
| Limosa lapponica Bar-tailed Godwit [844] | | Species or species habitat known to occur within area |
| Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat known to occur within area |
| Pandion haliaetus Osprey [952] | | Species or species habitat known to occur within area |
| Tringa nebularia Common Greenshank, Greenshank [832] | | Species or species habitat likely to occur within area |

Other Matters Protected by the EPBC Act

Listed Marine Species [\[Resource Information \]](#)

* Species is listed under a different scientific name on the EPBC Act - Threatened Species list.

| Name | Threatened | Type of Presence |
|--|------------|--|
| Birds | | |
| Actitis hypoleucos Common Sandpiper [59309] | | Species or species habitat known to occur within area |
| Anous stolidus Common Noddy [825] | | Species or species habitat likely to occur within area |
| Anseranas semipalmata Magpie Goose [978] | | Species or species habitat may occur within area |
| Apus pacificus Fork-tailed Swift [678] | | Species or species habitat likely to occur within area |
| Ardea alba Great Egret, White Egret [59541] | | Breeding known to occur within area |
| Ardea ibis Cattle Egret [59542] | | Species or species habitat may occur within area |
| Calidris acuminata Sharp-tailed Sandpiper [874] | | Species or species |

| Name | Threatened | Type of Presence |
|---|-----------------------|---|
| Calidris canutus Red Knot, Knot [855] | Endangered | habitat known to occur within area Species or species habitat known to occur within area |
| Calidris ferruginea Curlew Sandpiper [856] | Critically Endangered | Species or species habitat known to occur within area |
| Calidris melanotos Pectoral Sandpiper [858] | | Species or species habitat known to occur within area |
| Calonectris leucomelas Streaked Shearwater [1077] | | Species or species habitat known to occur within area |
| Charadrius veredus Oriental Plover, Oriental Dotterel [882] | | Species or species habitat may occur within area |
| Chrysococcyx osculans Black-eared Cuckoo [705] | | Species or species habitat likely to occur within area |
| Fregata ariel Lesser Frigatebird, Least Frigatebird [1012] | | Species or species habitat known to occur within area |
| Fregata minor Great Frigatebird, Greater Frigatebird [1013] | | Species or species habitat likely to occur within area |
| Glareola maldivarum Oriental Pratincole [840] | | Species or species habitat may occur within area |
| Haliaeetus leucogaster White-bellied Sea-Eagle [943] | | Species or species habitat known to occur within area |
| Hirundo daurica Red-rumped Swallow [59480] | | Species or species habitat known to occur within area |
| Hirundo rustica Barn Swallow [662] | | Species or species habitat known to occur within area |
| Limosa lapponica Bar-tailed Godwit [844] | | Species or species habitat known to occur within area |
| Merops ornatus Rainbow Bee-eater [670] | | Species or species habitat may occur within area |
| Motacilla cinerea Grey Wagtail [642] | | Species or species habitat may occur within area |
| Motacilla flava Yellow Wagtail [644] | | Species or species habitat known to occur within area |
| Numenius madagascariensis Eastern Curlew, Far Eastern Curlew [847] | Critically Endangered | Species or species habitat known to occur within area |
| Pandion haliaetus Osprey [952] | | Species or species habitat known to occur |

| Name | Threatened | Type of Presence within area |
|--|-------------|--|
| Papasula abbotti Abbott's Booby [59297] | Endangered | Species or species habitat may occur within area |
| Rostratula benghalensis (sensu lato) Painted Snipe [889] | Endangered* | Species or species habitat likely to occur within area |
| Sterna albifrons Little Tern [813] | | Breeding known to occur within area |
| Tringa nebularia Common Greenshank, Greenshank [832] | | Species or species habitat likely to occur within area |
| Fish | | |
| Campichthys tricarinatus Three-keel Pipefish [66192] | | Species or species habitat may occur within area |
| Choeroichthys brachysoma Pacific Short-bodied Pipefish, Short-bodied Pipefish [66194] | | Species or species habitat may occur within area |
| Choeroichthys suillus Pig-snouted Pipefish [66198] | | Species or species habitat may occur within area |
| Corythoichthys flavofasciatus Reticulate Pipefish, Yellow-banded Pipefish, Network Pipefish [66200] | | Species or species habitat may occur within area |
| Cosmocampus banneri Roughridge Pipefish [66206] | | Species or species habitat may occur within area |
| Doryrhamphus excisus Bluestripe Pipefish, Indian Blue-stripe Pipefish, Pacific Blue-stripe Pipefish [66211] | | Species or species habitat may occur within area |
| Doryrhamphus janssi Cleaner Pipefish, Janss' Pipefish [66212] | | Species or species habitat may occur within area |
| Filicampus tigris Tiger Pipefish [66217] | | Species or species habitat may occur within area |
| Halicampus brocki Brock's Pipefish [66219] | | Species or species habitat may occur within area |
| Halicampus grayi Mud Pipefish, Gray's Pipefish [66221] | | Species or species habitat may occur within area |
| Halicampus nitidus Glittering Pipefish [66224] | | Species or species habitat may occur within area |
| Halicampus spirostris Spiny-snout Pipefish [66225] | | Species or species habitat may occur within area |
| Haliichthys taeniophorus Ribbioned Pipehorse, Ribbioned Seadragon [66226] | | Species or species habitat may occur within area |
| Hippichthys penicillus Beady Pipefish, Steep-nosed Pipefish [66231] | | Species or species habitat may occur within area |

| Name | Threatened | Type of Presence |
|---|-----------------------|--|
| Hippocampus histrix Spiny Seahorse, Thorny Seahorse [66236] | | Species or species habitat may occur within area |
| Hippocampus kuda Spotted Seahorse, Yellow Seahorse [66237] | | Species or species habitat may occur within area |
| Hippocampus planifrons Flat-face Seahorse [66238] | | Species or species habitat may occur within area |
| Hippocampus spinosissimus Hedgehog Seahorse [66239] | | Species or species habitat may occur within area |
| Hippocampus trimaculatus Three-spot Seahorse, Low-crowned Seahorse, Flat-faced Seahorse [66720] | | Species or species habitat may occur within area |
| Micrognathus micronotopterus Tidepool Pipefish [66255] | | Species or species habitat may occur within area |
| Solegnathus hardwickii Pallid Pipehorse, Hardwick's Pipehorse [66272] | | Species or species habitat may occur within area |
| Solegnathus lettiensis Gunther's Pipehorse, Indonesian Pipefish [66273] | | Species or species habitat may occur within area |
| Solenostomus cyanopterus Robust Ghostpipefish, Blue-finned Ghost Pipefish, [66183] | | Species or species habitat may occur within area |
| Syngnathoides biaculeatus Double-end Pipehorse, Double-ended Pipehorse, Alligator Pipefish [66279] | | Species or species habitat may occur within area |
| Trachyrhamphus bicoarctatus Bentstick Pipefish, Bend Stick Pipefish, Short-tailed Pipefish [66280] | | Species or species habitat may occur within area |
| Trachyrhamphus longirostris Straightstick Pipefish, Long-nosed Pipefish, Straight Stick Pipefish [66281] | | Species or species habitat may occur within area |
| Mammals | | |
| Dugong dugon Dugong [28] | | Foraging, feeding or related behaviour likely to occur within area |
| Reptiles | | |
| Acalyptophis peronii Horned Seasnake [1114] | | Species or species habitat may occur within area |
| Aipysurus apraefrontalis Short-nosed Seasnake [1115] | Critically Endangered | Species or species habitat likely to occur within area |
| Aipysurus duboisii Dubois' Seasnake [1116] | | Species or species habitat may occur within area |
| Aipysurus eydouxii Spine-tailed Seasnake [1117] | | Species or species habitat may occur within area |
| Aipysurus laevis Olive Seasnake [1120] | | Species or species habitat may occur within |

| Name | Threatened | Type of Presence area |
|---|------------|---|
| Aipysurus tenuis Brown-lined Seasnake [1121] | | Species or species habitat may occur within area |
| Astrotia stokesii Stokes' Seasnake [1122] | | Species or species habitat may occur within area |
| Caretta caretta Loggerhead Turtle [1763] | Endangered | Foraging, feeding or related behaviour known to occur within area |
| Chelonia mydas Green Turtle [1765] | Vulnerable | Breeding known to occur within area |
| Crocodylus johnstoni Freshwater Crocodile, Johnston's Crocodile, Johnston's River Crocodile [1773] | | Species or species habitat may occur within area |
| Crocodylus porosus Salt-water Crocodile, Estuarine Crocodile [1774] | | Species or species habitat likely to occur within area |
| Dermochelys coriacea Leatherback Turtle, Leathery Turtle, Luth [1768] | Endangered | Breeding likely to occur within area |
| Disteira kingii Spectacled Seasnake [1123] | | Species or species habitat may occur within area |
| Disteira major Olive-headed Seasnake [1124] | | Species or species habitat may occur within area |
| Emydocephalus annulatus Turtle-headed Seasnake [1125] | | Species or species habitat may occur within area |
| Ephalophis greyi North-western Mangrove Seasnake [1127] | | Species or species habitat may occur within area |
| Eretmochelys imbricata Hawksbill Turtle [1766] | Vulnerable | Breeding likely to occur within area |
| Hydrelaps darwiniensis Black-ringed Seasnake [1100] | | Species or species habitat may occur within area |
| Hydrophis elegans Elegant Seasnake [1104] | | Species or species habitat may occur within area |
| Hydrophis mcdowellii null [25926] | | Species or species habitat may occur within area |
| Hydrophis ornatus Spotted Seasnake, Ornate Reef Seasnake [1111] | | Species or species habitat may occur within area |
| Lapemis hardwickii Spine-bellied Seasnake [1113] | | Species or species habitat may occur within area |
| Natator depressus Flatback Turtle [59257] | Vulnerable | Breeding known to occur within area |
| Pelamis platurus Yellow-bellied Seasnake [1091] | | Species or species habitat may occur within area |

| Whales and other Cetaceans | | [Resource Information] |
|--|------------|--|
| Name | Status | Type of Presence |
| Mammals | | |
| Balaenoptera edeni Bryde's Whale [35] | | Species or species habitat may occur within area |
| Balaenoptera musculus Blue Whale [36] | Endangered | Species or species habitat likely to occur within area |
| Delphinus delphis Common Dolphin, Short-beaked Common Dolphin [60] | | Species or species habitat may occur within area |
| Grampus griseus Risso's Dolphin, Grampus [64] | | Species or species habitat may occur within area |
| Megaptera novaeangliae Humpback Whale [38] | Vulnerable | Species or species habitat known to occur within area |
| Orcaella brevirostris Irrawaddy Dolphin [45] | | Species or species habitat known to occur within area |
| Orcinus orca Killer Whale, Orca [46] | | Species or species habitat may occur within area |
| Sousa chinensis Indo-Pacific Humpback Dolphin [50] | | Breeding known to occur within area |
| Stenella attenuata Spotted Dolphin, Pantropical Spotted Dolphin [51] | | Species or species habitat may occur within area |
| Tursiops aduncus Indian Ocean Bottlenose Dolphin, Spotted Bottlenose Dolphin [68418] | | Species or species habitat likely to occur within area |
| Tursiops aduncus (Arafura/Timor Sea populations) Spotted Bottlenose Dolphin (Arafura/Timor Sea populations) [78900] | | Species or species habitat known to occur within area |
| Tursiops truncatus s. str. Bottlenose Dolphin [68417] | | Species or species habitat may occur within area |

Extra Information

| State and Territory Reserves | | [Resource Information] |
|------------------------------|-------|--------------------------|
| Name | State | |
| Unnamed WA51162 | WA | |
| Unnamed WA52354 | WA | |

| Invasive Species | [Resource Information] |
|--|--------------------------|
| Weeds reported here are the 20 species of national significance (WoNS), along with other introduced plants that are considered by the States and Territories to pose a particularly significant threat to biodiversity. The following feral animals are reported: Goat, Red Fox, Cat, Rabbit, Pig, Water Buffalo and Cane Toad. Maps from Landscape Health Project, National Land and Water Resources Audit, 2001. | |

| Name | Status | Type of Presence |
|--|--------|--|
| Birds | | |
| Columba livia Rock Pigeon, Rock Dove, Domestic Pigeon [803] | | Species or species habitat likely to occur within area |
| Sturnus vulgaris Common Starling [389] | | Species or species habitat likely to occur within area |
| Frogs | | |
| Rhinella marina Cane Toad [83218] | | Species or species habitat may occur within area |
| Mammals | | |
| Canis lupus familiaris Domestic Dog [82654] | | Species or species habitat likely to occur within area |
| Felis catus Cat, House Cat, Domestic Cat [19] | | Species or species habitat likely to occur within area |
| Mus musculus House Mouse [120] | | Species or species habitat likely to occur within area |
| Rattus rattus Black Rat, Ship Rat [84] | | Species or species habitat likely to occur within area |
| Plants | | |
| Cenchrus ciliaris Buffel-grass, Black Buffel-grass [20213] | | Species or species habitat likely to occur within area |
| Dolichandra unguis-cati Cat's Claw Vine, Yellow Trumpet Vine, Cat's Claw Creeper, Funnel Creeper [85119] | | Species or species habitat likely to occur within area |
| Jatropha gossypifolia Cotton-leaved Physic-Nut, Bellyache Bush, Cotton-leaf Physic Nut, Cotton-leaf Jatropha, Black Physic Nut [7507] | | Species or species habitat likely to occur within area |
| Reptiles | | |
| Hemidactylus frenatus Asian House Gecko [1708] | | Species or species habitat likely to occur within area |
| Ramphotyphlops braminus Flowerpot Blind Snake, Brahminy Blind Snake, Cacing Besi [1258] | | Species or species habitat likely to occur within area |
| Nationally Important Wetlands | | [Resource Information] |
| Name | | State |
| Willie Creek Wetlands | | WA |

Caveat

The information presented in this report has been provided by a range of data sources as acknowledged at the end of the report.

This report is designed to assist in identifying the locations of places which may be relevant in determining obligations under the Environment Protection and Biodiversity Conservation Act 1999. It holds mapped locations of World and National Heritage properties, Wetlands of International and National Importance, Commonwealth and State/Territory reserves, listed threatened, migratory and marine species and listed threatened ecological communities. Mapping of Commonwealth land is not complete at this stage. Maps have been collated from a range of sources at various resolutions.

Not all species listed under the EPBC Act have been mapped (see below) and therefore a report is a general guide only. Where available data supports mapping, the type of presence that can be determined from the data is indicated in general terms. People using this information in making a referral may need to consider the qualifications below and may need to seek and consider other information sources.

For threatened ecological communities where the distribution is well known, maps are derived from recovery plans, State vegetation maps, remote sensing imagery and other sources. Where threatened ecological community distributions are less well known, existing vegetation maps and point location data are used to produce indicative distribution maps.

Threatened, migratory and marine species distributions have been derived through a variety of methods. Where distributions are well known and if time permits, maps are derived using either thematic spatial data (i.e. vegetation, soils, geology, elevation, aspect, terrain, etc) together with point locations and described habitat; or environmental modelling (MAXENT or BIOCLIM habitat modelling) using point locations and environmental data layers.

Where very little information is available for species or large number of maps are required in a short time-frame, maps are derived either from 0.04 or 0.02 decimal degree cells; by an automated process using polygon capture techniques (static two kilometre grid cells, alpha-hull and convex hull); or captured manually or by using topographic features (national park boundaries, islands, etc). In the early stages of the distribution mapping process (1999-early 2000s) distributions were defined by degree blocks, 100K or 250K map sheets to rapidly create distribution maps. More reliable distribution mapping methods are used to update these distributions as time permits.

Only selected species covered by the following provisions of the EPBC Act have been mapped:

- migratory and
- marine

The following species and ecological communities have not been mapped and do not appear in reports produced from this database:

- threatened species listed as extinct or considered as vagrants
- some species and ecological communities that have only recently been listed
- some terrestrial species that overfly the Commonwealth marine area
- migratory species that are very widespread, vagrant, or only occur in small numbers

The following groups have been mapped, but may not cover the complete distribution of the species:

- non-threatened seabirds which have only been mapped for recorded breeding sites
- seals which have only been mapped for breeding sites near the Australian continent

Such breeding sites may be important for the protection of the Commonwealth Marine environment.

Coordinates

-17.80528 122.27444

Acknowledgements

This database has been compiled from a range of data sources. The department acknowledges the following custodians who have contributed valuable data and advice:

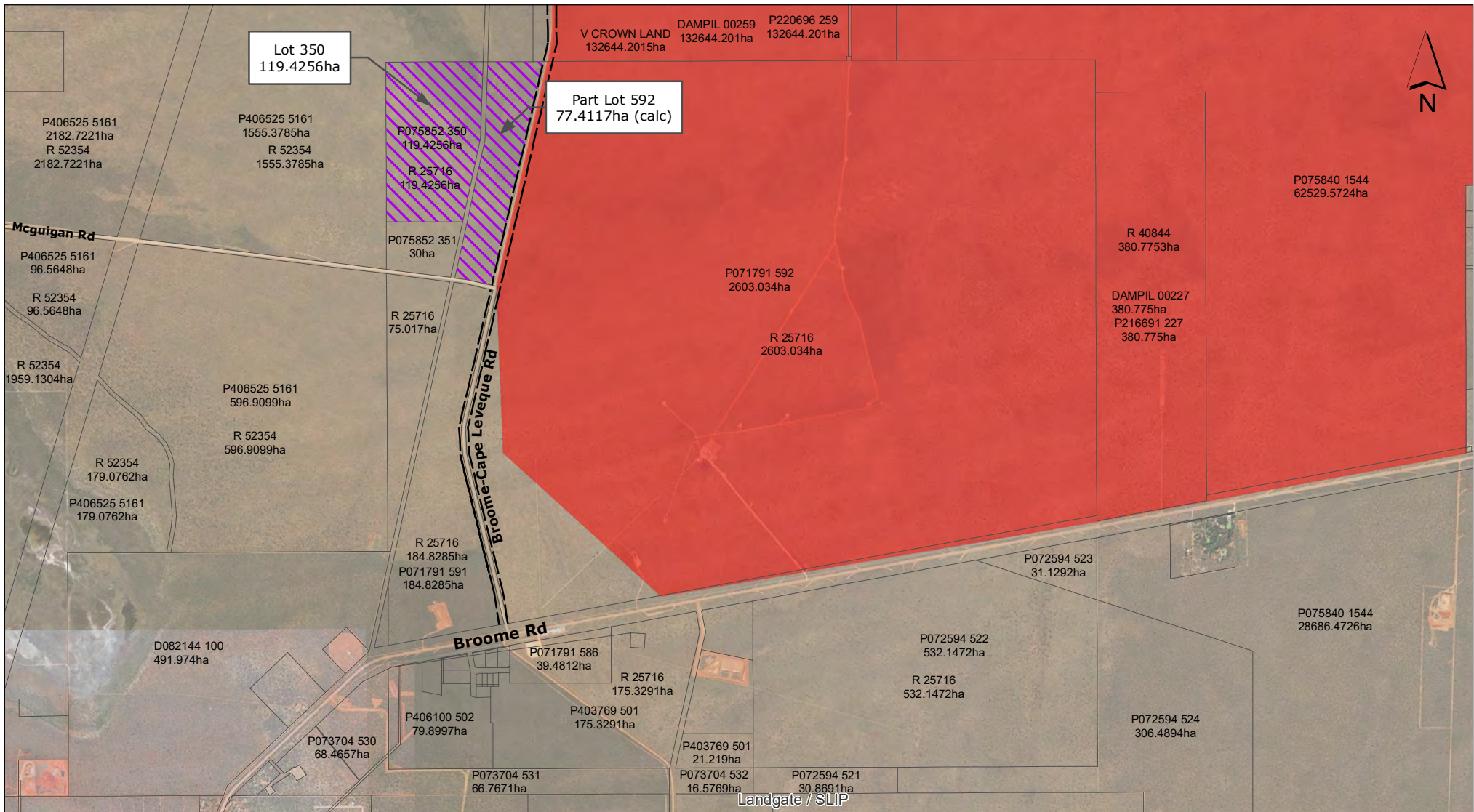
- [-Office of Environment and Heritage, New South Wales](#)
- [-Department of Environment and Primary Industries, Victoria](#)
- [-Department of Primary Industries, Parks, Water and Environment, Tasmania](#)
- [-Department of Environment, Water and Natural Resources, South Australia](#)
- [-Department of Land and Resource Management, Northern Territory](#)
- [-Department of Environmental and Heritage Protection, Queensland](#)
- [-Department of Parks and Wildlife, Western Australia](#)
- [-Environment and Planning Directorate, ACT](#)
- [-Birdlife Australia](#)
- [-Australian Bird and Bat Banding Scheme](#)
- [-Australian National Wildlife Collection](#)
- [-Natural history museums of Australia](#)
- [-Museum Victoria](#)
- [-Australian Museum](#)
- [-South Australian Museum](#)
- [-Queensland Museum](#)
- [-Online Zoological Collections of Australian Museums](#)
- [-Queensland Herbarium](#)
- [-National Herbarium of NSW](#)
- [-Royal Botanic Gardens and National Herbarium of Victoria](#)
- [-Tasmanian Herbarium](#)
- [-State Herbarium of South Australia](#)
- [-Northern Territory Herbarium](#)
- [-Western Australian Herbarium](#)
- [-Australian National Herbarium, Canberra](#)
- [-University of New England](#)
- [-Ocean Biogeographic Information System](#)
- [-Australian Government, Department of Defence Forestry Corporation, NSW](#)
- [-Geoscience Australia](#)
- [-CSIRO](#)
- [-Australian Tropical Herbarium, Cairns](#)
- [-eBird Australia](#)
- [-Australian Government – Australian Antarctic Data Centre](#)
- [-Museum and Art Gallery of the Northern Territory](#)
- [-Australian Government National Environmental Science Program](#)
- [-Australian Institute of Marine Science](#)
- [-Reef Life Survey Australia](#)
- [-American Museum of Natural History](#)
- [-Queen Victoria Museum and Art Gallery, Inveresk, Tasmania](#)
- [-Tasmanian Museum and Art Gallery, Hobart, Tasmania](#)
- [-Other groups and individuals](#)

The Department is extremely grateful to the many organisations and individuals who provided expert advice and information on numerous draft distributions.

Please feel free to provide feedback via the [Contact Us](#) page.

ATTACHMENT 2

Location map



File: S:\active\SpatialSystems\Projects\WPAIPM-AMS-6833_BroomeRes25716\mxd\BroomeWaterReserve_20170822_A4L.mxd

LEGEND

- Investigation Area
- Main Roads Set Out Design 23/08/2017**
- Broome-Cape Leveque Road Corridor

- Public Drinking Protection Area**
- Priority 1



1:50,000 at A4
 0 500 1000 1500 2000
 Metres
 Coordinate System: GDA 1994 MGA Zone 51
 Vertical Datum: AHD

AUTHOR: FLETTNO DATE: 25/08/2017
 BRANCH: APG - MAPPING & GEOSPATIAL SERVICES

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Proposed License to
 Mamabulanjin Aboriginal Corporation

ATTACHMENT 3

Written authority

Our Ref: L02290 JT1 2016 11331 V01

09 May 2018

Neil J. Gower
Chief Executive Officer & Public Officer
Mamabulanjin Aboriginal Corporation
PO Box 664
Broome WA 6725

Dear Neil

**Re: Lot 350 on Deposited Plan 75852 and Pt Lot 592 on Deposited Plan 71791
(Pt Reserve 25716) Broome Water Reserve**

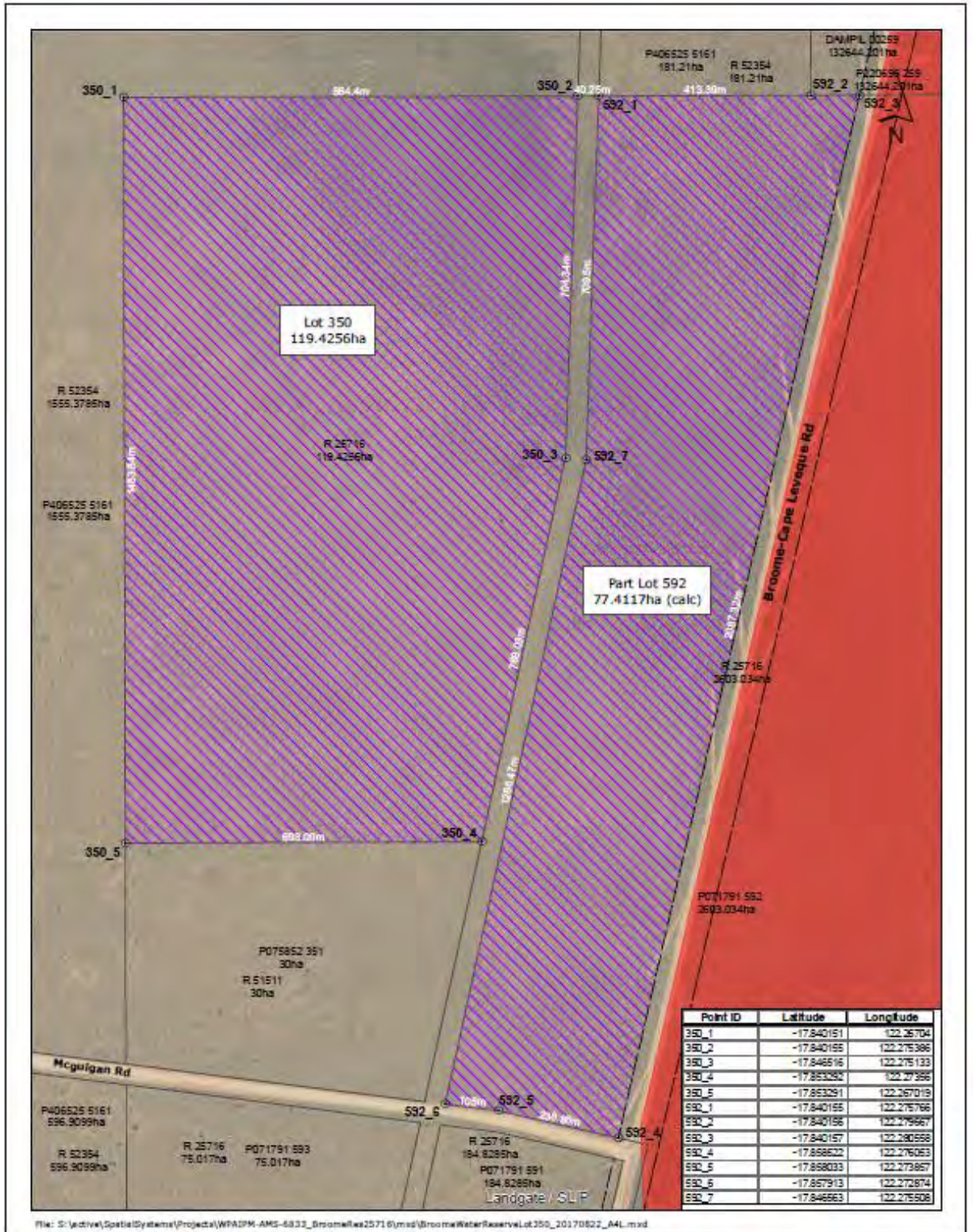
Water Corporation holds the management order for Lot 350 and Pt Lot 592 for the care and control of the reserve for the purpose of Water Supply. We are fully supportive of Mamabulanjin Aboriginal Corporation using these lots to establish a native fruit farm.

The fruit trees will replace the existing vegetation and the chemical-free farming methods used by Mamabulanjin will ensure there is no risk to the water source.

Attached is an overlay showing that Lot 350 and Pt Lot 592 fall outside of the designated Water Source Protection Area.



Rino Trolio,
Water Corporation Regional Manager North West



File: S:\drive\SpatialSystems\Projects\WPA\PM-AMS-6832_Broome\area25716\m\BroomeWaterReservatLot350_20170527_A4L.mxd

LEGEND

- Main Roads Set Out Design 23/08/2017
- Broome-Cape Leveque Road Corridor
- /// Investigation Area
- Public Drinking Water Source Area
- Protection Area
- Priority 1



1:10,000 at A4
 0 100 200 300
 Metres
 Coordinate System: GDA 1994 MGA Zone 51
 Vertical Datum: AHD
 AUTHOR: FLETTING DATE: 25/08/2017
 BRANCH: ARG - MAPPING & GEOSPATIAL
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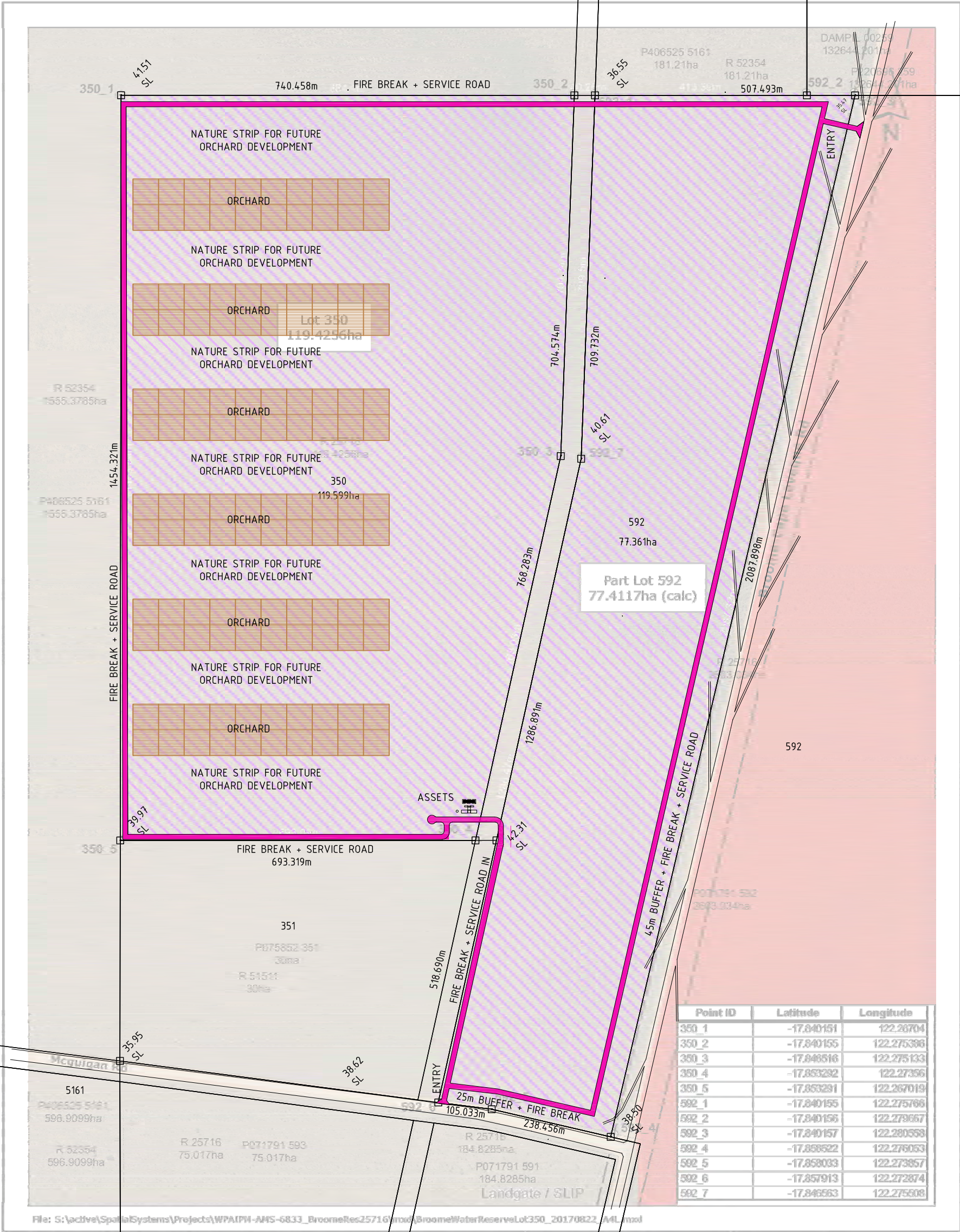


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 Aboriginal Corporation

ATTACHMENT 4

Proposed orchard layout plan

NOT FOR CONSTRUCTION



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 Contractor to check and verify all dimensions, levels and angles on site before commencement of work. This is a CAD drawing. Do not scale.

| Rev. | Description | Date |
|------|------------------------|----------|
| A | SHIRE CONSULTATION | 12.02.18 |
| B | ADJUSTED ACCESS ROAD | 16.02.18 |
| C | DEVELOPMENT APPROVAL | 26.03.18 |
| D | DEVELOPMENT APPROVAL | 09.05.18 |
| E | REVISED ORCHARD LAYOUT | 14.05.18 |

project & address:
MAMABULANJIN FRUIT FARM
CNR OF MCGUIGAN & CAPE LEVEQUE RD
 drawing:
SITE LAYOUT PLAN

CAD File No.: LT1802_01_FruitFarm.dwg
 Project Architect: **ngi**
 Project No.: LT1802_01
 Scale: 18000 @ A3

drawing:
A.001
 revision:
E

LairdTran studio
 architecture + design
 abn: 299 616 72 995
 P.O. BOX 1047
 Broome 6725
 office : 08 9192 7129
 ngl mobile: 04 31 176 299

LEGEND
 Main Roads Set Out Design 23/08/2017
 — Broome-Cape Leveque Road Corridor
 Investigation Area
 Public Drinking Water Source Area
 Protection Area
 Priority 1



1:10,000 at A4
 0 100 200 300
 Metres
 Coordinate System: GDA 1994 MGA Zone 51
 Vertical Datum: AHD

AUTHOR: FLETHO DATE: 25/08/2017
 BRANCH: APC - MAPPING & GEOSPATIAL
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